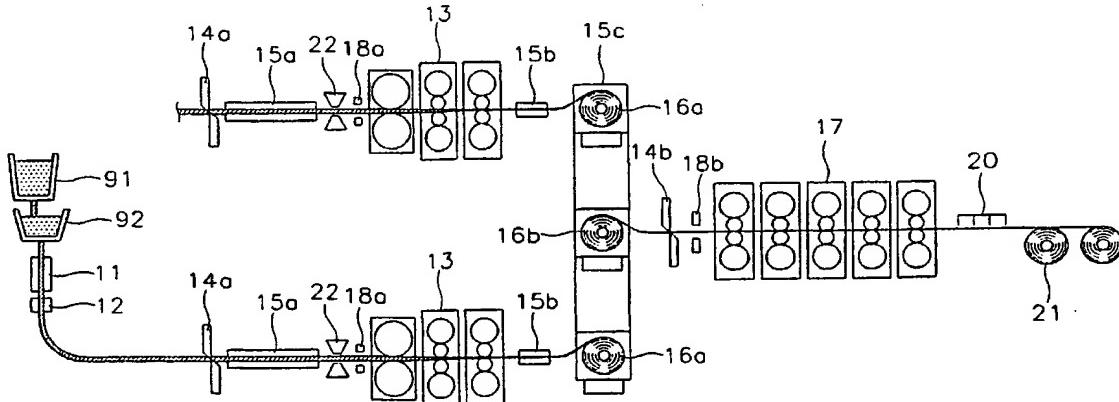


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(71) Applicant ( <i>for all designated States except US</i> ): POHANG IRON & STEEL CO., LTD. [KR/KR]; 1, Koedong-dong, Nam-ku, Pohang-shi, Kyungbuk 790-785 (KR).		
(72) Inventors; and		
(75) Inventors/Applicants ( <i>for US only</i> ): CHE, Deung-Mo [KR/KR]; Kwangyang Jaecholso Nae, 700, Keumho-dong, Dongkwangyang-shi, Jeollanam-do 545-090 (KR). LEE, Sang-II [KR/KR]; Kwangyang Jaecholso Nae, 700, Keumho-dong, Dongkwangyang-shi, Jeollanam-do 545-090 (KR). MIN, Yeoung-Rin [KR/KR]; Kwangyang Jaecholso Nae, 700, Keumho-dong, Dongkwangyang-shi, Jeollanam-do 545-090 (KR).		
(74) Agent: SONG, Man-Ho; 702, Teheran Bd., 825-33 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).		

(54) Title: METHOD OF MANUFACTURING HOT ROLLED STEEL SHEET USING MINI MILL PROCESS



## (57) Abstract

Disclosed is a method for manufacturing hot rolled steel sheets. The method includes the steps of passing molten steel through a continuous caster (11) having a mold after having been passed through a ladle (91) and a tundish (92) to manufacture a slab; cutting the slab to predetermined lengths using a cutter (14a) to form a plurality of cut slabs; heating the cut slabs to a predetermined temperature in a first heating furnace (15a) descaling the cut slabs heated in the first heating furnace; rolling the slabs in a reduction unit (13) to a predetermined thickness to form a plurality of flat bars; heating the flat bars to a predetermined temperature in a second heating furnace (15b); coiling the flat bars by a coiling station (16a) while the flat bars are maintained in a heated state; uncoiling the flat bars by an uncoiler (16b); and rolling the flat bars to a predetermined thickness in a finishing mill.